



# Tech Info Library

## Apple Basic Color Monitor: Technical Specs (Discontinued 10/93)

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TOPIC -----

This article gives the technical specifications for the Basic Color Monitor. These specifications are for the VGA monitor sold in the U.S.

DISCUSSION -----

Order Number

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- M9103LL/A

Picture Tube

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- Shadow Mask
- 14-inch diagonal, 13-inch viewable CRT
- 0.29 mm dot pitch

Input Signals

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- Video: RGB all positive analogue
- Sync: 31.5 KHZ horizontal frequency, - horizontal sync.  
60 Hz vertical frequency, - vertical sync.

Video

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- Resolution: 640 horizontal by 480 vertical pixels
- Active display area: Adjusted at the factory to produce an active video area described by an ideal rectangle of 9.3 x 6.9 inches (235 x 176 mm).

Controls

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- Brightness
- Contrast
- Power on/off

Physical Measurements

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- Weight: 25.3 lbs (11.5 Kg)

- Height: 12.9 inches (32.8 cm)
- Width: 14.5 inches (36.8 cm)
- Depth: 15.2 inches (38.5 cm)

#### Power Supply

- Input voltage: AC 100-125V
- Input frequency: 50-60Hz
- Input current: 1.2A max. (at 120VAC)
- Consumption: 70W

#### Environmental Requirements

- Operating ambient temperature: 5° C to 35° C
- Humidity: 10% to 80% (non-condensing)
- Altitude: to 7,000 feet
- Storage temperature: -40° C to 65° C

#### Safety

- Meets strict SWEDAC MPR-2 requirements for low-frequency (ELF and VLF) magnetic and electric emissions.

#### System Requirements

- Compatible with all Macintosh LC, Macintosh Centris, Macintosh Quadra, and many Macintosh PowerBook computers

#### Signal Connector

- 15-pin D shell connector

Pin	Function
1	Red signal
2	Green signal
3	Blue signal
4	Jumper to pin 10
5	Self test
6	Red return
7	Green return
8	Blue return
9	No pin
10	Digital ground
11	Jumper to pin 10
12	No pin
13	Horizontal sync.
14	Vertical sync.
15	No pin

#### Article Change History:

27 October 1993 - Corrected dot pitch  
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